

Listing of Claims

1.     **(Original)**     Flow-through ion exchange medium comprising a monolithic stationary phase having interconnecting pores defined by pore walls, and fine ion exchange polymeric layering particles irreversibly bound directly or indirectly to the pore walls.
2.     **(Original)**     The ion exchange medium of Claim 1 in which the layering particles are covalently bound to said pore walls.
3.     **(Original)**     The ion exchange medium of Claim 1 in which the layering particles are bound by adsorption.
4.     **(Original)**     The ion exchange medium of Claim 1 in which said layering particles are bound to said pore walls through a dispersant.
5.     **(Original)**     The ion exchange medium of Claim 1 in which said layering particles are bound to said pore walls by electrostatic attachment.
6.     **(Original)**     The ion exchange medium of Claim 1 in which the stationary phase has pore sizes greater than 200 nm.
7.     **(Withdrawn)**    The ion exchange medium of Claim 1 disposed in a chromatography separation column.
8.     **(Withdrawn)**    The column of Claim 7 in fluid communication with a detector.
9.     **(Withdrawn)**    The column of Claim 7 in which said column is in fluid communication with a suppressor which is in fluid communication with a detector.
10.    **(Original)**     The ion exchange medium of Claim 1 in which said layering particles have a median diameter ranging from about 0.002 to 0.2 microns.
11.    **(Withdrawn)**    A method of chromatographically separating analytes in a liquid sample stream comprising flowing said liquid sample stream through the chromatographic separation column of Claim 7.
12.    **(Withdrawn)**    A method for making an ion exchange medium comprising irreversibly binding fine ion exchange polymeric layering particles directly or indirectly to the pore walls of interconnecting pores in a monolithic stationary phase.

13. **(Withdrawn)** The method of Claim 12 in which said binding is covalent.
14. **(Withdrawn)** The method of Claim 12 in which said binding is by adsorption.
15. **(Withdrawn)** The method of Claim 12 in which said binding is through a dispersant.
16. **(Withdrawn)** The method of Claim 12 in which said binding is electrostatic.